

<b>Project Title:</b>	TRP Channels and Air Pollution
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<b>Grant Number:</b>	R01ES017431

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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
A bacterial source for mollusk pyrone polyketides.	Lin, Zhenjian; Torres, Joshua P; Ammon, Mary Anne; Marett, Lenny; Teichert, Russell W; Reilly, Christopher A; Kwan, Jason C; Hughen, Ronald W; Flores, Malem; Tianero, Ma Diarey; Peraud, Olivier; Cox, James E; Light, Alan R; Villaraza, Aaron Joseph L; Haygood, Margo G; Concepcion, Gisela P; Olivera, Baldomero M; Schmidt, Eric W	Chem Biol (2013 Jan 24)	20 / 73-81	<a href="#">PubMed Citation</a>
Activation of transient receptor potential ankyrin-1 (TRPA1) in lung cells by wood smoke particulate ...	Shapiro, Darien; Deering-Rice, Cassandra E; Romero, Erin G; Hughen, Ronald W; Light, Alan R; Veranth, John M; Reilly, Christopher A	Chem Res Toxicol (2013 May 20)	26 / 750-8	<a href="#">PubMed Citation</a>
Activation of Transient Receptor Potential Ankyrin-1 by Insoluble Particulate Material and Associati ...	Deering-Rice, Cassandra E; Shapiro, Darien; Romero, Erin G; Stockmann, Chris; Bevans, Tatjana S; Phan, Quang M; Stone, Bryan L; Fassl, Bernhard; Nkoy, Flory; Uchida, Derek A; Ward, Robert M; Veranth, John M; Reilly, Christopher A	Am J Respir Cell Mol Biol (2015 Dec)	53 / 893-901	<a href="#">PubMed Citation</a>

Characterization of Transient Receptor Potential Vanilloid-1 (TRPV1) Variant Activation by Coal Fly ...	Deering-Rice, Cassandra E; Stockmann, Chris; Romero, Erin G; Lu, Zhenyu; Shapiro, Darien; Stone, Bryan L; Fassl, Bernhard; Nkoy, Flory; Uchida, Derek A; Ward, Robert M; Veranth, John M; Reilly, Christopher A	J Biol Chem (2016 Nov 25)	291 / 24866-24879	PubMed Citat
Contributions of TRPV1, endovanilloids, and endoplasmic reticulum stress in lung cell death in vitro ...	Thomas, Karen C; Roberts, Jessica K; Deering-Rice, Cassandra E; Romero, Erin G; Dull, Randal O; Lee, Jeewoo; Yost, Garold S; Reilly, Christopher A	Am J Physiol Lung Cell Mol Physiol (2012 Jan)	302 / L111-9	PubMed Citat
Drofenine: A 2-APB Analogue with Greater Selectivity for Human TRPV3.	Deering-Rice, Cassandra E; Mitchell, Virginia K; Romero, Erin G; Abdel Aziz, May H; Ryskamp, Daniel A; Križaj, David; Gopal, V Raj; Reilly, Christopher A	Pharmacol Res Perspect (2014 Oct)	2 / e00062	PubMed Citat
Electrophilic components of diesel exhaust particles (DEP) activate transient receptor potential ank ...	Deering-Rice, Cassandra E; Romero, Erin G; Shapiro, Darien; Hughen, Ronald W; Light, Alan R; Yost, Garold S; Veranth, John M; Reilly, Christopher A	Chem Res Toxicol (2011 Jun 20)	24 / 950-9	PubMed Citat
Emerging mechanistic targets in lung injury induced by combustion-generated particles.	Fariss, Marc W; Gilmour, M Ian; Reilly, Christopher A; Liedtke, Wolfgang; Ghio, Andrew J	Toxicol Sci (2013 Apr)	132 / 253-67	PubMed Citat
Inhibition of FAAH, TRPV1, and COX2 by NSAID-serotonin conjugates.	Rose, Tyler M; Reilly, Christopher A; Deering-Rice, Cassandra E; Brewster, Clinton; Brewster, Chelsea	Bioorg Med Chem Lett (2014 Dec 15)	24 / 5695-8	PubMed Citat
Nobilamides A-H, long-acting transient receptor potential vanilloid-1 (TRPV1) antagonists from mollu ...	Lin, Zhenjian; Reilly, Christopher A; Antemano, Rowena; Hughen, Ronald W; Marett, Lenny; Concepcion, Gisela P; Haygood, Margo G; Olivera, Baldomero M;	J Med Chem (2011 Jun 9)	54 / 3746-55	PubMed Citat

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Oxazinin A, a pseudodimeric natural product of mixed biosynthetic origin from a filamentous fungus.	Lin, Zhenjian; Koch, Michael; Abdel Aziz, May Hamdy; Galindo-Murillo, Rodrigo; Tianero, Ma Diarey; Cheatham, Thomas E; Barrows, Louis R; Reilly, Chris A; Schmidt, Eric W	Org Lett (2014 Sep 19)	16 / 4774-7 PubMed Citat
Structure-activity relationship of capsaicin analogs and transient receptor potential vanilloid 1-me ...	Thomas, Karen C; Ethirajan, Manivannan; Shahrokh, Kiumars; Sun, Hao; Lee, Jeewoo; Cheatham 3rd, Thomas E; Yost, Garold S; Reilly, Christopher A	J Pharmacol Exp Ther (2011 May)	337 / 400-10 PubMed Citat
Transient receptor potential vanilloid-1 (TRPV1) is a mediator of lung toxicity for coal fly ash par ...	Deering-Rice, Cassandra E; Johansen, Mark E; Roberts, Jessica K; Thomas, Karen C; Romero, Erin G; Lee, Jeewoo; Yost, Garold S; Veranth, John M; Reilly, Christopher A	Mol Pharmacol (2012 Mar)	81 / 411-9 PubMed Citat